

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008205**Date Inspected:** 15-Jul-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. An qing xin**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

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1.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040581 perform SMAW welding on, Strut Splice plate, Weld joint no.ND1-A 5012-6-1A. ZPMC CWI Identified as Mr. Zhou yu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3211-TC-U5B-1.

2.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 053869 perform FCAW welding on Stiffner plate to Skin E, Weld joint no.SSD1-FESA4-1F/F-34B. ZPMC CWI Identified as Mr. Li ming. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2231-tc-u5-f.

3.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 066155 perform FCAW welding on South tower,Lift 4, Weld joint no.SSD1-FDSA4-1 C/C-31A. ZPMC CWI Identified as Mr. Zhou yu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2232-TC-P5-F.

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4.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 058792 perform FCAW welding on inside North tower, Lift 2, 65 mtr. Diaphragm to BC corner diagonal plate, Weld joint no. WSD1-TL 6 E/L-152. ZPMC CWI Identified as Mr. An qing xin. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-4333-TC-P5-F.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge, Sinevod - 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Baskar,Govindarajan	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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